

# PATENT ABSTRACTS OF JAPAN

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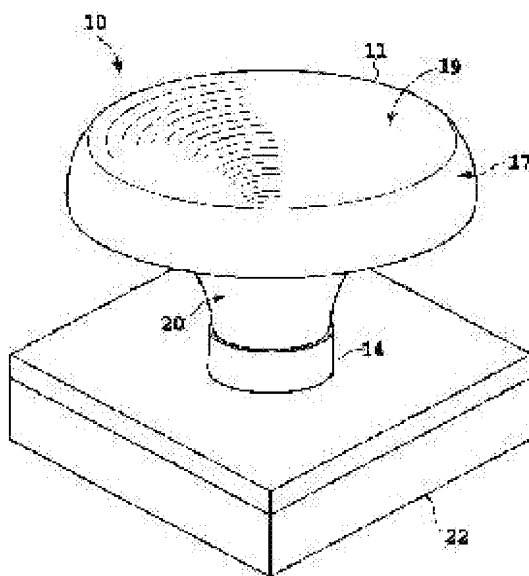
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(21)Application number : **2001-                      (71)Applicant : **NIPPON LEIZ CO LTD****  
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## (54) LIGHT GUIDE MEMBER AND SIGN LAMP



(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a light guide member in simple structure which can annularly radiate light with high luminance and high directivity and a sign mark which uses the light guide member.

**SOLUTION:** The light guide plate 18, equipped with an incidence end surface part 16 on which the light from a light source 13 is made incident, a projection end surface part 17 which is formed annularly having its center on an axis C of rotational symmetry and emits light, and a light guide part 18 which guides the light made incident from the incidence end surface part 16 to the projection end surface part 17 by internal total reflection, has a funnel-shaped hollow surface 19 which has its center on the axis C of rotational symmetry and a tapered outer circumferential surface 20 which has its center on the axis C of rotational

symmetry and has a larger diameter on the side of the projection end surface part 17 than on the side of the incidence end surface part 16.